

Amendments to the Claims:

A clean version of the entire set of pending claims, including amendments to the claims, is submitted herewith per 37 CFR 1.121(c)(3). This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously Presented) A visual content signal display apparatus comprising:
means for receiving a visual content signal;
means for presenting the visual content signal on a primary display;
means for extracting background content information from the visual content signal;
means for generating a surround image in response to the background content information; and
means for displaying the surround image on a secondary display area thereby providing a combined display having an increased viewing angle.

2. (Previously Presented) The visual content signal display apparatus of claim 1 wherein the means for displaying the surround image is operable to project the surround image on to an external surface of an object.

3. (Previously Presented) The visual content signal display apparatus of claim 2 wherein the external surface is an internal surface of a room.

4. (Previously Presented) The visual content signal display apparatus of claim 1 wherein the means for extracting is operable to extract real time background content information from the visual content signal, and the means for generating the surround image is operable to generate a real time surround image in response to the real time background content information.

5. (Previously Presented) The visual content signal display apparatus of claim 1 wherein the means for extracting is operable to extract the background content information in response to background meta-data comprised in the visual content signal.

6. (Previously Presented) The visual content signal display apparatus of claim 1 wherein the means for extracting is operable to extract the background content information in response to a content analysis of the visual content signal.

7. (Previously Presented) The visual content signal display apparatus of claim 6 wherein the content analysis comprises image object recognition.

8. (Previously Presented) The visual content signal display apparatus of claim 7 wherein the means for generating a surround image is operable to perform motion estimation of an image object and to generate the surround image in response to the motion estimation.

9. (Previously Presented) The visual content signal display apparatus of claim 1 wherein the background content information comprises a visual characteristic of an image section of the visual content signal proximal to an edge of the primary display; the means for generating the surround image is operable to generate at least a partial surround image having a corresponding visual characteristic; and the means for displaying the surround image is operable to display the partial surround image proximal to the edge.

10. (Previously Presented) The visual content signal display apparatus of claim 1 wherein the means for generating a surround image is operable to generate the surround image in response to a predetermined image associated with the background content information.

11. (Previously Presented) The visual content signal display apparatus of claim 10 wherein the means for generating the surround image is operable to generate the surround image in response to a predetermined default image if no valid background content information is determined.

12. (Previously Presented) The visual content signal display apparatus of claim 1 wherein the means for generating the surround image is operable to generate the surround image at a lower quality than a quality of the display of the content signal on the primary display.

13. (Previously Presented) The visual content signal display apparatus of claim 1 wherein the means for generating the surround image is operable to generate the surround image with a quality that decreases for increasing distance from the primary display.

14. (Previously Presented) The visual content signal display apparatus of claim 1 wherein the means for generating the surround image is operable to generate the surround image in response to characteristics of a viewing environment associated with the secondary display area.

15. (Previously Presented) The visual content signal display apparatus of claim 1 further comprising means for determining a category of the visual content signal and wherein the means for generating the surround image is operable to generate the surround image processing in response to the category.

16. (Currently Amended) A method of displaying a visual content signal with a visual content display apparatus, the method comprising the steps of:
receiving a visual content signal with a receiver of the apparatus;
presenting the visual content signal on a primary display;

extracting background content information from the visual content signal with an extraction processor of the apparatus;

generating a surround image in response to the background content information with a secondary display processor of the apparatus; and

displaying the surround image on a secondary display area thereby providing a combined display having an increased viewing angle.

17-18. (Canceled)

19. (Previously Presented) A system comprising:

a receiver for receiving a visual content signal;

a primary display processor for processing the visual content signal and for providing an image for display on a primary display;

an extraction processor for extracting background content information from the visual content signal;

a second display processor for generating a surround image in response to the extracted background content information; and

a secondary display for displaying the surround image on a secondary display area surrounding the primary display,

wherein a combination of the image and the surround image provide a greater viewing angle than the image alone.

20. (New) The method of claim 16, further comprising storing a plurality of images corresponding to a plurality of background content characteristics, and wherein generating a surround image in response to the background content information includes selecting one of the stored images in response to the extracted background content information.

21. (New) The system of claim 19, wherein the system stores a plurality of images corresponding to a plurality of background content characteristics, and

wherein the second display processor selects one of the stored images in response to the extracted background content information and generates the surround image from the selected stored image.

22. (New) The system of claim 19, wherein the system stores a plurality of images corresponding to a plurality of background content characteristics, and wherein the second display processor selects at least two of the stored images in response to the extracted background content information and generates the surround image from the at least two selected stored images.